

Claims:

1. Thickened aqueous acidic hard surface cleaning and disinfecting composition  
 5 with film forming properties which comprises (preferably consists essentially of):  
 one or more nonionic surfactants, particularly linear primary alcohol ethoxylates;  
 one or more quaternary ammonium surfactant compounds having germicidal  
 properties;  
 an acid constituent based on one or more water soluble organic acids, particularly  
 10 water soluble organic acids selected from the group consisting of: formic acid,  
 citric acid, mixtures of formic acid with citric acid, and oxalic acid;  
 a cellulose based thickening composition;  
 a film-forming, organosilicone quaternary ammonium compound;  
 optionally but desirably a pH adjusting agent,  
 15 optionally one or more further conventional optional constituents including pH  
 buffering agents, perfumes, perfume carriers, colorants, hydrotropes, germicides,  
 fungicides, anti-oxidants, anti-corrosion agents, fragrances, coloring agents;  
 and, water.
- 20 2. The composition according to claim 1 wherein the acid constituent consists solely  
 of oxalic acid.
3. The composition according to claim 1 wherein the acid constituent consists solely  
 of a mixture of citric acid and formic acid.
- 25 4. A composition according to claim 1 comprising:  
 0.1 - 10%wt. of one or more nonionic surfactants, particularly linear primary  
 alcohol ethoxylates;  
 0.1 - 3%wt. one or more quaternary ammonium surfactant compounds having  
 30 germicidal properties;  
 0.1 - 15%wt. of an acid constituent based on one or more water soluble organic  
 acids, particularly water soluble organic acids selected from the group consisting

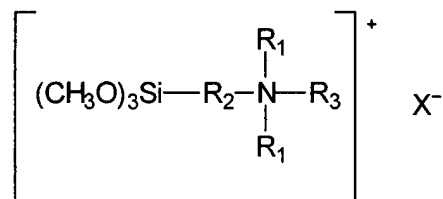
of: formic acid, citric acid, mixtures of formic acid with citric acid, and oxalic acid;

0.1 – 5%wt. a cellulose based thickening composition;

0.01 - 5%wt. a film-forming, organosilicone quaternary ammonium compound;

5 up to 10%wt. of one or more of a pH adjusting agent, fragrance, or coloring agent; and, water.

10 5. A composition according to claims 1 – 4 wherein the organosilicone quaternary ammonium compounds are those which may be represented by the following structural representation:



wherein:

15  $\text{R}_1$  and  $\text{R}_2$  each independently represent short chain alkyl or alkenyl groups, preferably  $\text{C}_1$ – $\text{C}_8$  alkyl or alkenyl groups;

$\text{R}_3$  represents a  $\text{C}_{11}$ – $\text{C}_{22}$  alkyl group; and

$\text{X}$  represents a salt forming counterion, especially a halogen.

20 6. A composition according to claims 1 – 5 wherein the composition exhibits a pH of less than about 4.5